

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2023-06  
Laurel | 11-181 | US-25

This document constitutes a Request for Proposals for a Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

## **I. PROJECT DESCRIPTION**

County -	Laurel
Route -	US-25
Item No. -	11-181.00
Project Description -	Address congestion, access management, and safety issues on US-25 North from Hal Rogers Parkway near KY State Police Post to KY-490. (MP 13.5-16.7)

## **II. PROJECT INFORMATION**

Project Manager -	Keenan Jones, P.E.
User Division -	Planning
Central Office Liaison -	Brent Sweger, P.E.
Approximate Fee -	\$250,000 Planning Study (Lump Sum)
Project Funding -	State Planning & Research (Federal Funds)
Project Length -	Approximately 3.144 miles

## **III. PURPOSE AND NEED**

The objective of this study is to identify and evaluate potential options to improve safety and mobility on US-25. The study will identify and screen a range of concepts including access management and potential geometric modifications at intersections. It will take a Complete Streets approach, identifying facilities that will safely support all appropriate users. The recommendations of this study will be organized into prioritized list of potential incremental improvements.

## **IV. DBE GOAL**

The Consultant team shall include a DBE Participation Plan with their Response to Announcement to help the Department meet the 11.95% DBE goal established by FHWA. The plan should demonstrate how DBE companies will be mentored or used to assist in the area(s) pertaining to this contract. Opportunities for firms to be mentored on how to receive DBE and/or prequalification status may be available. An additional page will be allowed in the Project

Approach (Section 7) to exhibit this plan. A maximum of five (5) points will be considered in the Evaluation Factors for the DBE Participation Plan.

## **V. SCOPE OF WORK**

- Collect, summarize, and verify existing roadway data.
- Gather and analyze crash data utilizing methodologies outlined in the Highway Safety Manual, KTC research, and KYTC's Data Driven Safety Analysis Implementation Plan.
- Conduct public and local official/stakeholder involvement activities, utilizing virtual, in-person, and innovative techniques and develop Public Meeting Notebook.
- Complete red flag environmental overview.
- Draft purpose and need statement and identify project goals.
- Develop potential improvement options utilizing a Complete Streets approach, incorporating guidance from KYTC's Complete Streets, Roads, and Highways Manual and Policy.
- Conduct traffic analysis along corridor and at key intersections.
- Quantify safety and mobility benefits associated with potential improvements.
- Provide planning-level cost estimates for all phases (D, R, U, C) and conduct planning-level benefit-cost analysis.
- Develop list of prioritized projects. This may include spot improvements and dividing the corridor into sections.
- Submit a summary of findings in a Final Report.

This project may be advanced to Preliminary Engineering upon the completion of the Planning Study with a Contract Modification. At the completion of Preliminary Engineering the project may be advanced to Final Design with a Contract Modification. The selected Consultant will then be required to provide engineering services to perform Final Roadway and Structural Design, including the preparation of any design studies, drainage design, right-of-way plans, construction plans, traffic control plans, and cost estimates as well as any other services that KYTC chooses not to perform with in-house forces.

## **VI. SPECIAL INSTRUCTIONS**

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<https://transportation.ky.gov/ProfessionalServices/Pages/Respond-to-an-Announcement.aspx>

## **VII. AVAILABLE STUDIES**

[City of London/Laurel County – Bicycle & Pedestrian Master Plan](#)

## **VIII. METHOD OF DESIGN**

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans. Refer to the 2019 CADD Standards for ORD V4 Project Development Memo for information pertaining to the latest CADD Standards and plan submittal.

## **IX. ENVIRONMENTAL SERVICES**

Any necessary Environmental Services will be provided by the Consultant. At a minimum, an Environmental Overview Report with a red flag summary is expected to be included in the final report.

## **X. PHOTOGRAMMETRIC SERVICES**

The Consultant will provide mapping and will furnish manuscripts in ORD format. Statewide Elevation data and Aerial photography can be found at the following link [KyFromAbove - Kentucky's Aerial Photography & Elevation Data Program](#). The selected Consultant shall supplement this information with conventional surveying as determined during project scoping.

## **XI. STRUCTURE DESIGN**

The selected Consultant may provide the necessary engineering services to determine needed improvements of the structures involved, if any. When the project advances to Final Design and if the selected Consultant is retained for Final Design services, the selected Consultant shall do the necessary engineering services to submit to the KYTC an Advanced Situation Folder(s) for the appropriate structure(s). Structure Design of the proposed structure(s) may be added as a Contract Modification. Prequalification in the area of Structure Design is not required to be identified in the Consultant's Response to Announcement.

## **XII. GEOTECHNICAL SERVICES**

The selected Consultant may provide all Geotechnical Services required for the project. A geotechnical overview is expected to be included in the final report. Geotechnical services necessary for the completion of Preliminary Engineering or Final Design may be added by contract modification at the appropriate time. At any time, if the Department has the capacity to provide these services, the Department may retain the advertised geotechnical services. Prequalification in the area of Geotechnical Services is not required to be identified in the Consultant's Response to Announcement.

## **XIII. TRAFFIC ENGINEERING**

The Department's existing traffic counts will be supplemented by traffic data, traffic projections, and related information provided and collected by the Consultant. The selected Consultant will provide an analysis of the existing and proposed traffic operations.

## **XIV. UTILITIES**

The Department will be responsible for determining the existing locations of utilities to determine feasibility of redesign or utility relocation and cost estimates.

## **XV. PREQUALIFICATION REQUIREMENTS**

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

### ENVIRONMENTAL & UST SERVICES

- UST & Hazmat Preliminary Site Assessment (Phase 1)

### ENVIRONMENTAL AQUATIC & TERRESTRIAL ECOSYSTEMS ANALYSIS

- Fisheries
- Botany
- Terrestrial Zoology
- Wetlands
- Freshwater Macroinvertebrates
- Water Quality

### ENVIRONMENTAL ARCHEOLOGY & OTHER SERVICES

- Air Quality Analysis
- Prehistoric Archaeology
- Socio-Economic Analysis
- Highway Noise Analysis
- Historic Archaeology
- Environmental Document Writing & Coordination
- Cultural-Historic Analysis

### ROADWAY DESIGN

- Rural Roadway Design
- Urban Roadway Design

### TRAFFIC ENGINEERING

- Traffic Engineering
- *Electrical Engineering Traffic Signals\* (see note below)*

### TRANSPORTATION PLANNING

- Traffic Forecasting
- Traffic Data Collection
- Pedestrian & Bicycle Planning & Design
- Transportation Planning Engineering
- Conceptual Transportation Planning
- *Travel Demand & Simulation Modeling\* (see note below)*

### Geotechnical Services\* (see note below)

- *Geotechnical Engineering\**
- *Geotechnical Drilling\**
- *Geotechnical Laboratory Services\**

### Structure Design\* (see note below)

- *Spans Under 500 Feet\**

\* Note – These prequalifications are not required with the initial proposal as it is uncertain to the extent practicable if they are necessary. Should these services become necessary during the delivery of the project in this or future phases, the selected Consultant team must obtain the required qualifications before providing those services or bring on a prequalified subconsultant at that time.

## **XVI. PROCUREMENT SCHEDULE**

Dates other than Response Date are tentative and provided for information only.

- Advertisement Date: December 13, 2022
- Response Date: January 11, 2023 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: January 17, 2023
- Final Selection: February 1, 2023
- Pre-Design Conference: February 8, 2023
- Consultant Fee Proposal: February 17, 2023
- Contract Negotiations: March 1, 2023
- Notice to Proceed: March 22, 2023

## **XVII. PROJECT SCHEDULE**

- Existing conditions meeting: May 1, 2023
- 1<sup>st</sup> Local Officials & Public Meeting: July 1, 2023
- Initial Improvements Concepts: August 1, 2023
- Refined Improvement Concepts & Analysis: November 1, 2023
- 2<sup>nd</sup> Local Officials & Public Meeting: December 1, 2023
- Screening & Prioritization of Concepts Meeting: February 2024
- Draft Report: April 2024
- Final Report: May 2024

## **XVIII. EVALUATION FACTORS**

Consultants will be evaluated by the selection committee based on the following weighted factors:

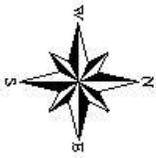
1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. Relative experience of consultant personal assigned to project team with highway project for KYTC and or/or federal, local, or other state governmental agencies, with an emphasis on access management, intersection design, traffic analysis, safety analysis, and bike/ped planning. (20 Points)
3. Past record of performance on projects similar in type and complexity (15 Points)
4. Capacity to comply with project schedule (5 Points)
5. DBE Participation Plan (5 Points)
6. Knowledge of the locality and familiarity of the general geographic area. (5 Points)

## **XIX. SELECTION COMMITTEE MEMBERS**

1. Keenan Jones, P.E., User Division
2. Brent Sweger, P.E., User Division
3. Erika Drury, P.E., Secretary's Pool

4. Stephen De Witte, P.E., Secretary's Pool
5. Cindy Evensen, Governor's Pool

**XX. AREA MAP**



**US 25**  
Laurel County  
Item No. 11-181.00  
US25 from Hal Rogers Pkwy.  
to KY 490



Author: Professional Services  
Date: 12/6/2022

